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Home Electricity Revolutionized?

Professor H. W. Bibber of the Electrical Engineering Department of Ohio State University predicts that a new type of motor, which will render the home generating unit more practicable, will be invented and developed within the next few decades.

The general principle is to have the fuel ignited inside a rotating turbine rather than in the cylinders with the reciprocating pistons in the engines of today. It would be ignited by electricity. Professor Bibber com-

pares the development of this new engine from the present type with that of the steam turbine from the steam engine using the cylinder and piston.

"When such a type of gas turbine is invented, then the home generating unit, similar to the home refrigerating unit, so far as the ice industry is concerned, becomes possible. It is conceivable that such a home generating unit would not only produce the electricity needed for household use, but also heat the house in winter and cool it in summer, as well as provide all the needed hot water," stated Professor Bibber.